

This book was compiled for use with Activity #45 Web of
Life of the PLT preK-8 activity guide by:

Cindy Bertek

MSU Extension Forestry

Forest Stewardship Coordinator/PLT State Coordinator

32 Campus Drive MS-0606

Missoula, MT 59812

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#4 Sounds Around

Name _____



pinna - (also called the auricle) the visible part of the outer ear. It collects sound and directs it into the outer ear canal

semicircular canals - three loops of fluid-filled tubes that are attached to the cochlea in the inner ear. They help us maintain our sense of balance.

stirrup - (also called the stapes) a tiny, U-shaped bone that passes vibrations from the stirrup to the cochlea. This is the smallest bone in the human body (it is 0.25 to 0.33 cm long).

Vocabulary

anvil - (also called the incus) a tiny bone that passes vibrations from the hammer to the stirrup.

cochlea - a spiral-shaped, fluid-filled inner ear structure; it is lined with cilia (tiny hairs) that move when vibrated and cause a nerve impulse to form.

eardrum - (also called the tympanic membrane) a thin membrane that vibrates when sound waves reach it.

Eustachian tube - a tube that connects the middle ear to the back of the nose; it equalizes the pressure between the middle ear and the air outside. When you "pop" your ears as you change altitude (going up a mountain or in an airplane), you are equalizing the air pressure in your middle ear.

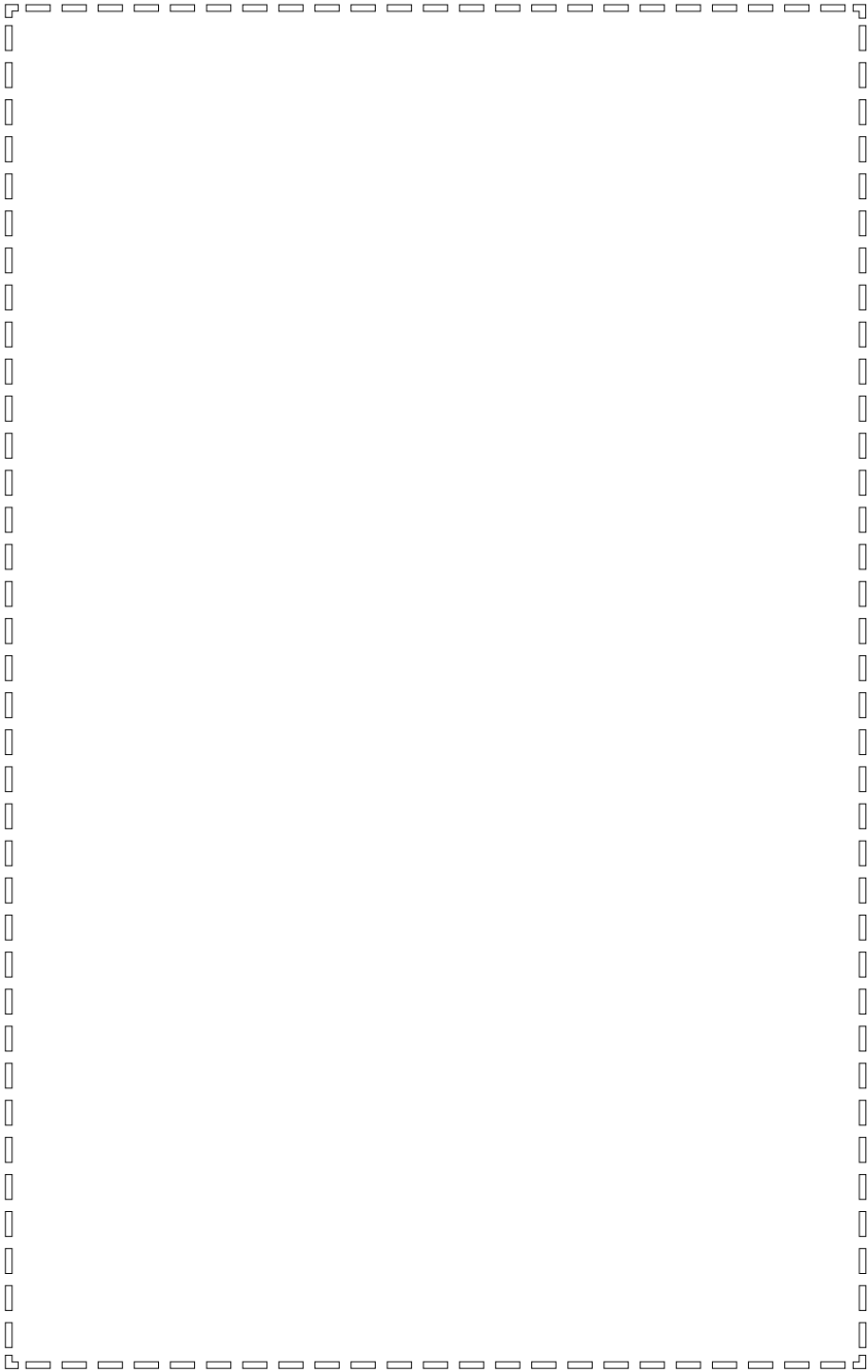
hammer - (also called the malleus) a tiny bone that passes vibrations from the eardrum to the anvil.

nerves - these carry electro-chemical signals from the inner ear (the cochlea) to the brain.

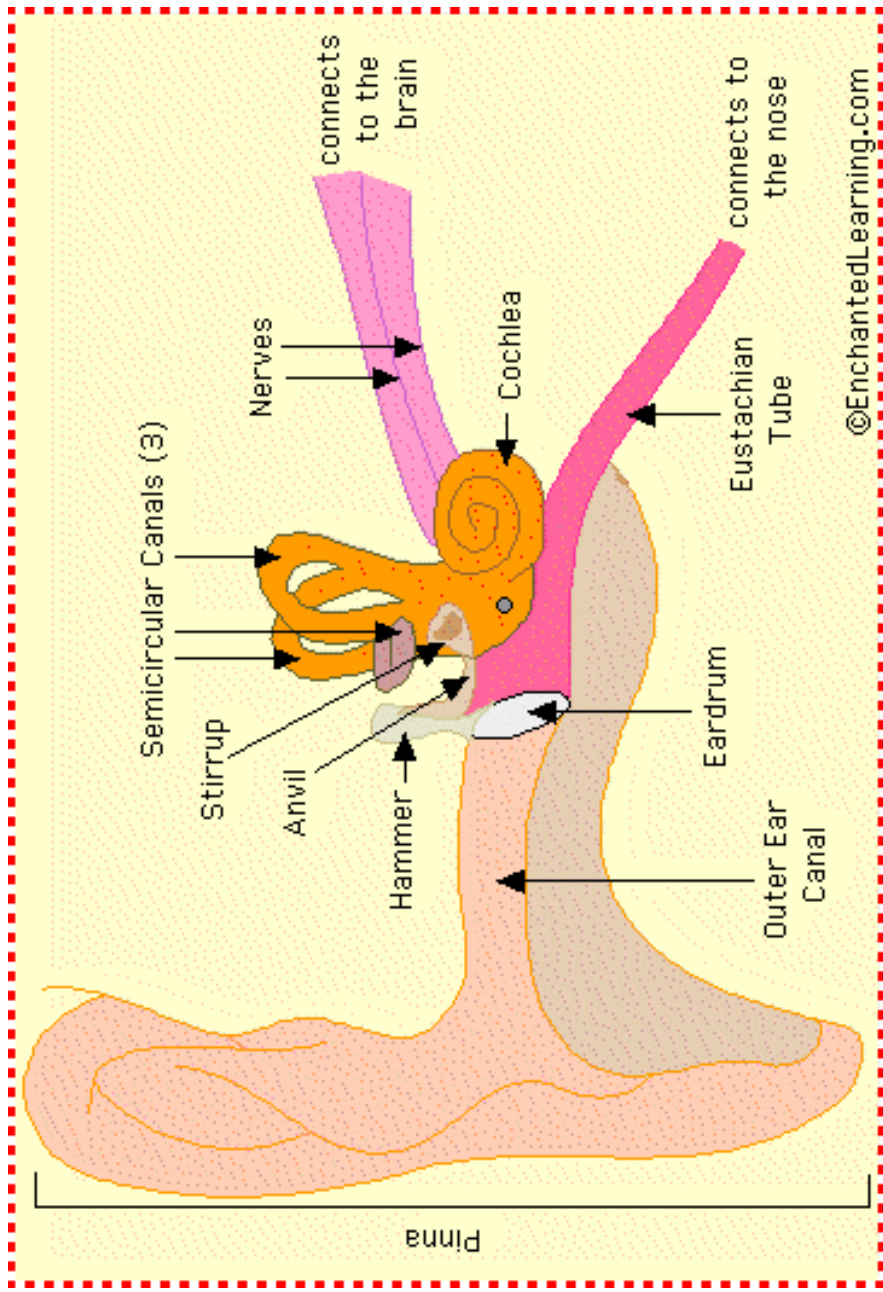
outer ear canal - the tube through which sound travels to the eardrum.

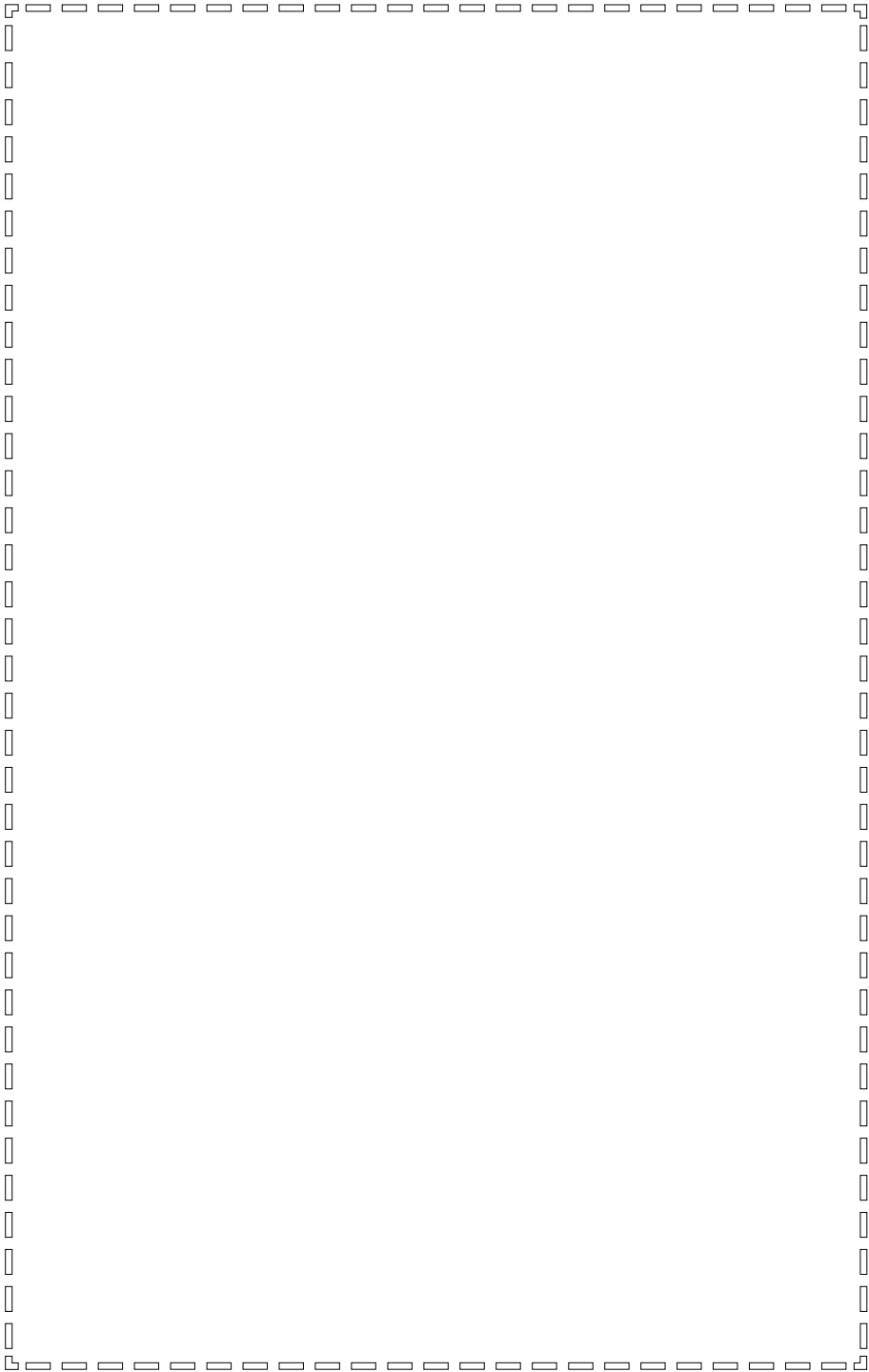
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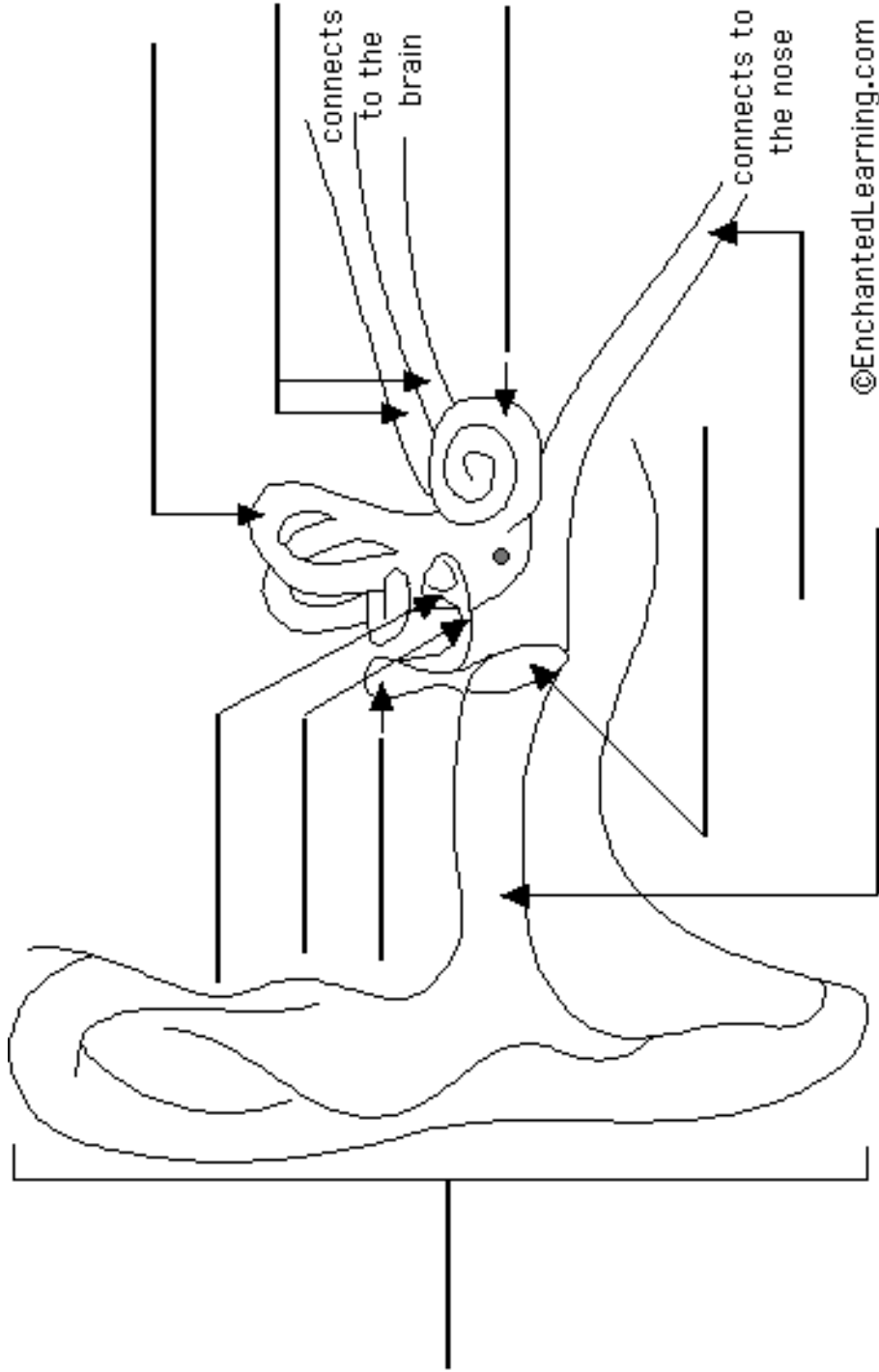
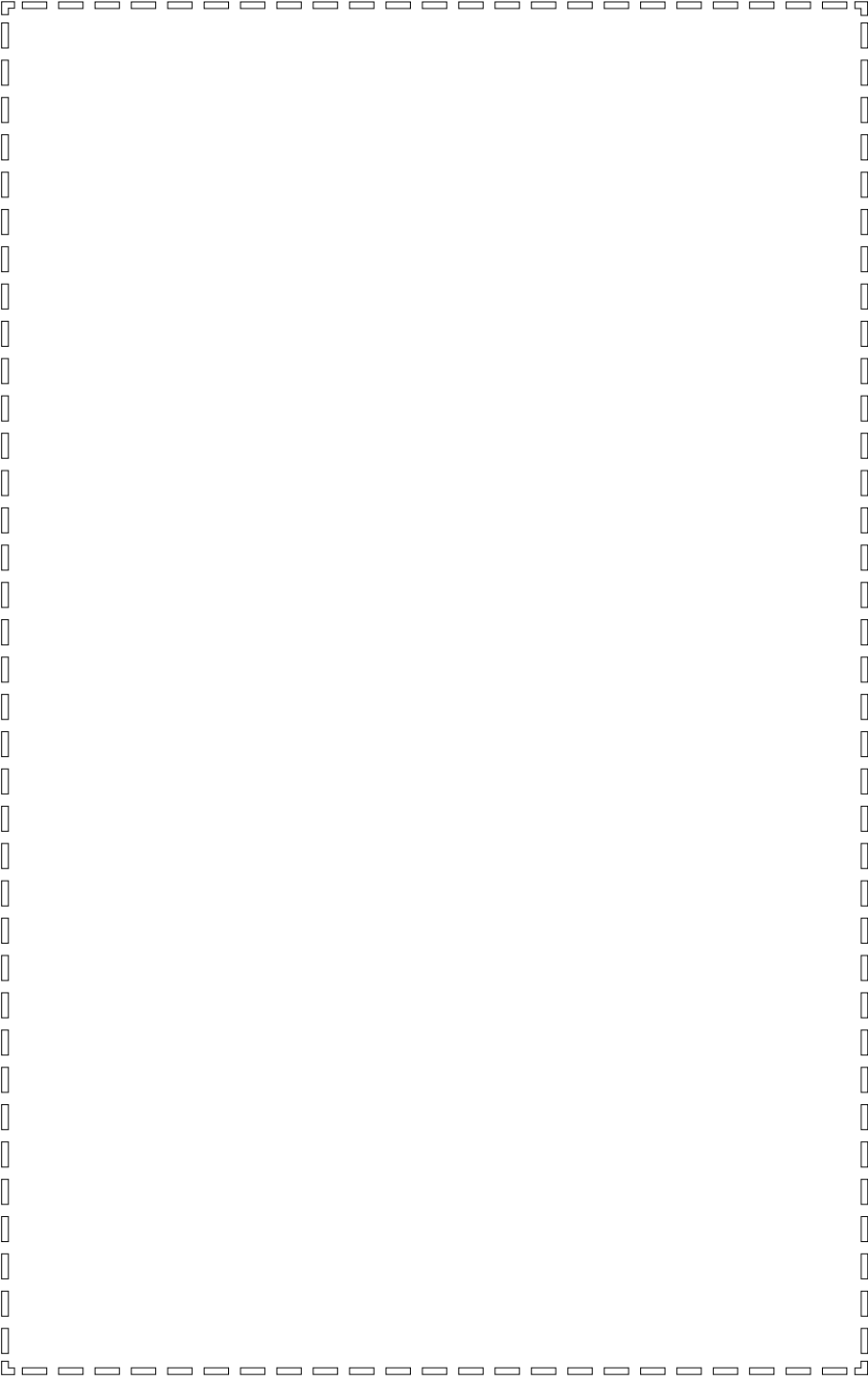


Journaling





Journaling



Mark location you hear sounds.



Location: _____

Sounds I hear:
